



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Pella Corporation
102 Main Street
Pella, IA 50219

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Architect" 8Ft. Aluminum Clad Wood Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1299, titled "Architect Series Aluminum Clad Wood Impact Sliding Door", sheets 01 through 05 of 05, dated 04/22/04 with revision "D1" dated 05/07/13, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 11-1026.14 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J Gascon
7/24/13

NOA No. 13-0530.17
Expiration Date: April 21, 2015
Approval Date: August 01, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1299**, titled "Architect Series Aluminum Clad Wood Impact Sliding Door", sheets 01 through 05 of 05, dated 04/22/04 with revision "**D1**" dated 05/07/13, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P. E.

B. TESTS

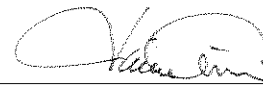
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of sliding glass door, prepared by Element Materials Technology Des Moines, Inc., Test Reports No.'s **EMT-ESP011859PR**, dated 05/08/13 and **EMT-ESP011859P**, dated 05/07/13, signed and sealed by Jason R. Steen, P. E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of sliding glass door, prepared by Architectural Testing, Inc., Test Report No. **ATI-53465.01-201-18**, dated 10/04/04, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA No. 05-0112.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 05/13/13, signed and sealed by Warren W. Schaefer, P. E.
2. **Glazing complies with ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0530.17
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E. MATERIAL CERTIFICATIONS

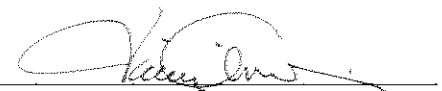
1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of conformance with **ANZI/ AAMA/ NWWDA 101/ I.S. 2-97** and complying with **FBC-2010**, issued by W. W. Schaefer Engineering & Consulting, P. A., dated 05/08/13, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of independence and no financial interest, dated 05/08/13, signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letter for Test Reports No.'s **EMT-ESP011859PR**, dated 05/08/13 and **EMT-ESP011859P**, dated 05/07/13, issued by Element Materials Technology Des Moines, Inc., signed and sealed by Jason R. Steen, P. E.
4. Proposal No. **12-0291** issued by Product Control, dated 06/14/12, signed by Jaime D. Gascon, P. E.
5. Laboratory compliance letter for Test Report No. **ATI-53465.01-201-18**, issued by Architectural Testing, Inc., dated 10/04/04, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA No. 05-0112.02)

G. OTHERS

1. Notice of Acceptance No. **11-1026.14**, issued to Pella Corporation for their Series "Architectural 8'0" Aluminum Clad Wood Sliding Glass Door – L.M.I.", approved on 12/29/11 and expiring on 04/21/15.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0530.17
Expiration Date: April 21, 2015
Approval Date: August 01, 2013

GENERAL NOTES:

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

CORNER CONSTRUCTION:

WOOD JAMB: HEAD: COPED, BUTTED AND JOINED WITH CORNER KEY & (2) NO. 10 X 5/8" SCREWS AT CLAD & (2) 7/16" X 2 1/2" STAPLES PER CORNER.
SILL: COPED, BUTTED AND JOINED WITH (2) NO. 6 X 2" TYPE AB FH SCREWS
SCREWS, (1) 7/16" X 2 1/2" GS STAPLE THROUGH INNER SILL & BUTYL CAULK.

JAMB CLAD: MITER CUT AND JOINED WITH CORNER KEY AND (2) NO. 10 X 5/8" SCREWS.
PANEL: MORTISE & TENON JOINT WITH ADHESIVE AND (10) NO. 12 X 4" FH WOOD SCREWS.
PANEL CLAD: LAPPED AND MITERED AT CORNERS.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY:		CHECKED BY:	
K.P.S.		W.W.S.	
PLOT:		DATE:	
1-16		04/22/04	
NO.	DATE	BY	REVISION DESCRIPTION
	08/08/05	WWS	UPDATE TO 2004 CODE COMPLIANT
	08/08/05	WWS	ADDED CONCRETE SCREWS TO
	01/13/10	WRM	ANCHOR TABLE
	10/21/11	WRM	UPDATE TO PRESENT STANDARDS
NO.	DATE	BY	REVISION DESCRIPTION
	05/07/13	WRM	CHANGE CONSULTANTS ADDRESS
NO.	DATE	BY	REVISION DESCRIPTION
	05/07/13	WRM	UPDATE PER NEW TESTING

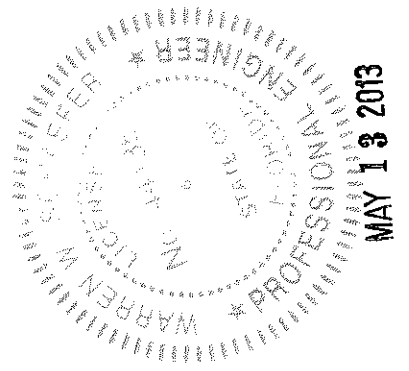
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/SILL/CLIP/RETAINER/STRIKE TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME/SILL SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(3) MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
(2) INSTALLATION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	(2) N/A
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	(2) N/A
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	(2) N/A
RETAINER & STRIKE SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(3) MIN. C-90 CMU	(1) 3/16" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).			
(2) INSTALLATION CLIP SCREWS SHALL BE POSITIONED WITHIN 1/4" OF THE BUCK/SUBSTRATE EDGE AND, IF INTO WOOD, ANGLED 20 TO 30 DEGREES INTO THE BUCK.			
(3) CMU SUBSTRATE IS NOT APPLICABLE AT HEAD & SILL			

ALLOWABLE SIZE/PRESSURE TABLE (WITH GLASS OPTION 1)		
MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
2 PANEL DOORS		
71 1/4	95 1/2	70.0
95 1/4	81 1/2	60.0
95 1/4	95 1/2	55.0
SINGLE FIXED PANEL DOOR		
48 3/4	95 1/2	70.0
SEE GLAZING DETAILS FOR GLASS OPTIONS		

ALLOWABLE SIZE/PRESSURE TABLE (WITH GLASS OPTION 2)		
MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
2 PANEL DOORS		
71 1/4	95 1/2	55.0
95 1/4	81 1/2	55.0
SINGLE FIXED PANEL DOOR		
36 3/4	95 1/2	55.0
48 3/4	81 1/2	55.0
SEE GLAZING DETAILS FOR GLASS OPTIONS		

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0530.17
Expiration Date 04/21/2015
By [Signature]
Miami Dade Product Control



DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

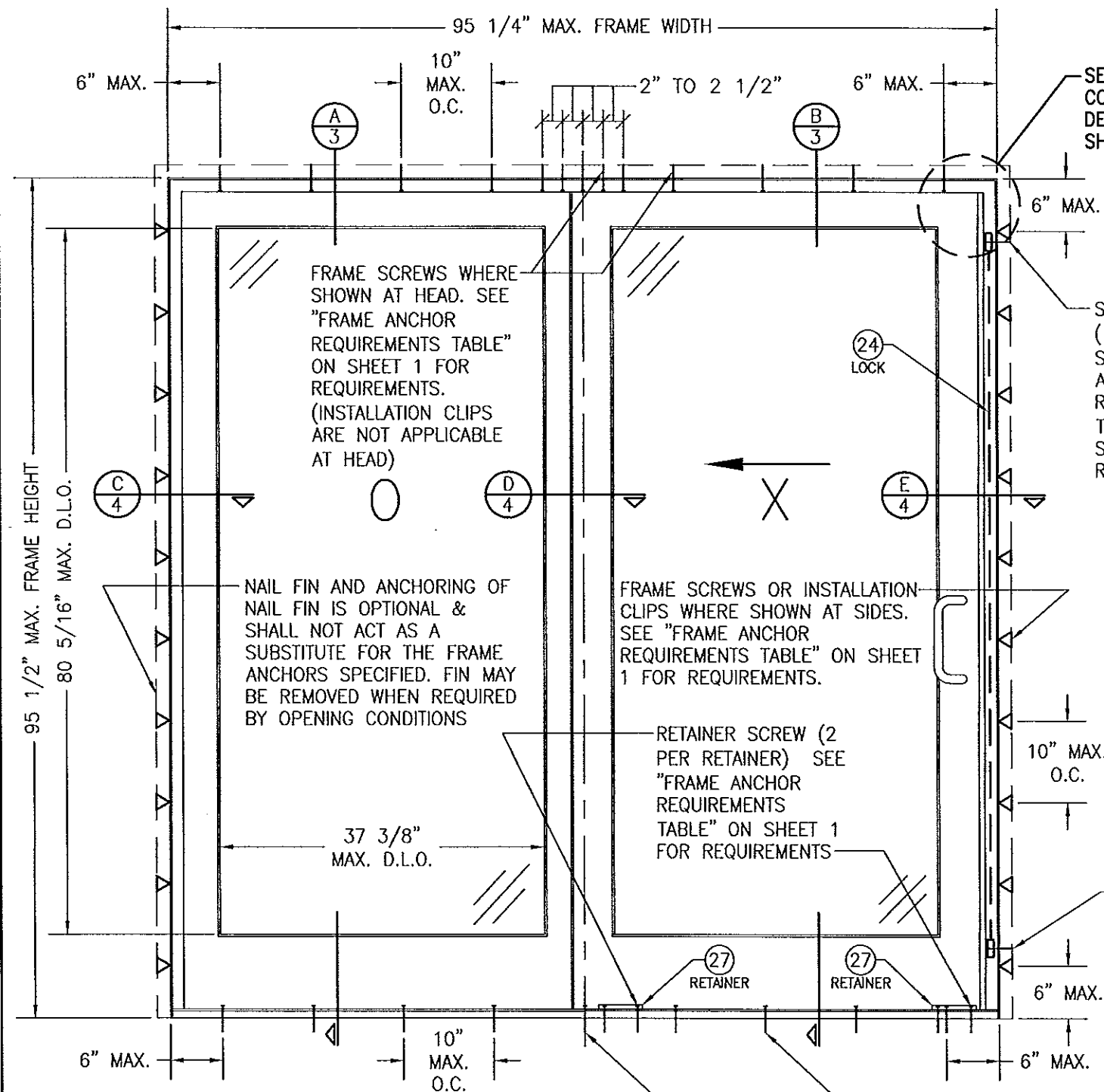


CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION

[Signature]
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1299
REV. D
SHEET NO. 1 OF 5



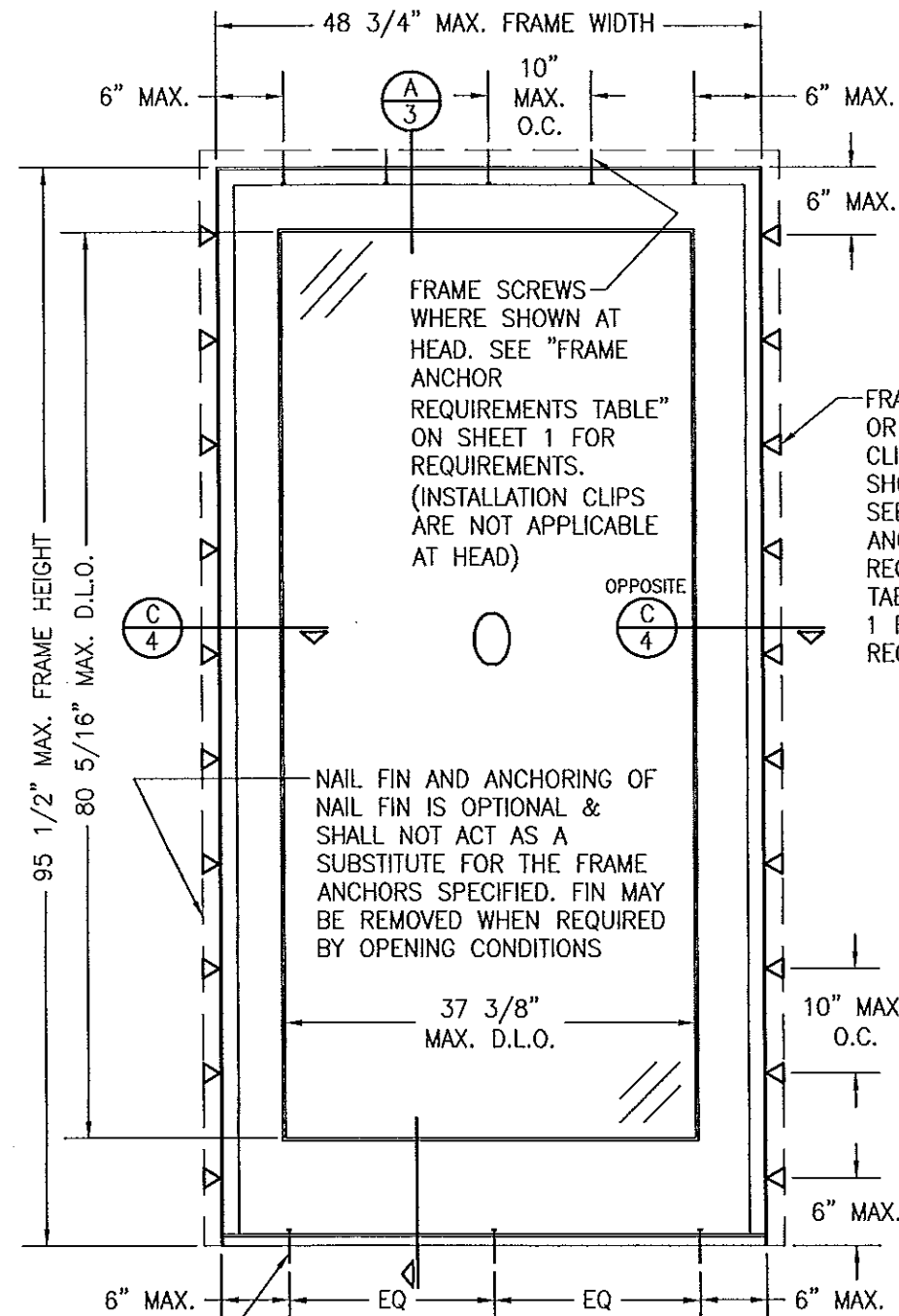
**EXTERIOR ELEVATION:
2 PANEL SLIDING DOOR**
SCALE: 3/4"=1'-0"

SILL SCREWS WHERE SHOWN AT SILL. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS. (INSTALLATION CLIPS ARE NOT APPLICABLE AT SILL)

SEE "CORNER CONSTRUCTION" DESCRIPTION ON SHEET 1

STRIKE SCREW (1 PER STRIKE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS

STRIKE SCREW (1 PER STRIKE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS

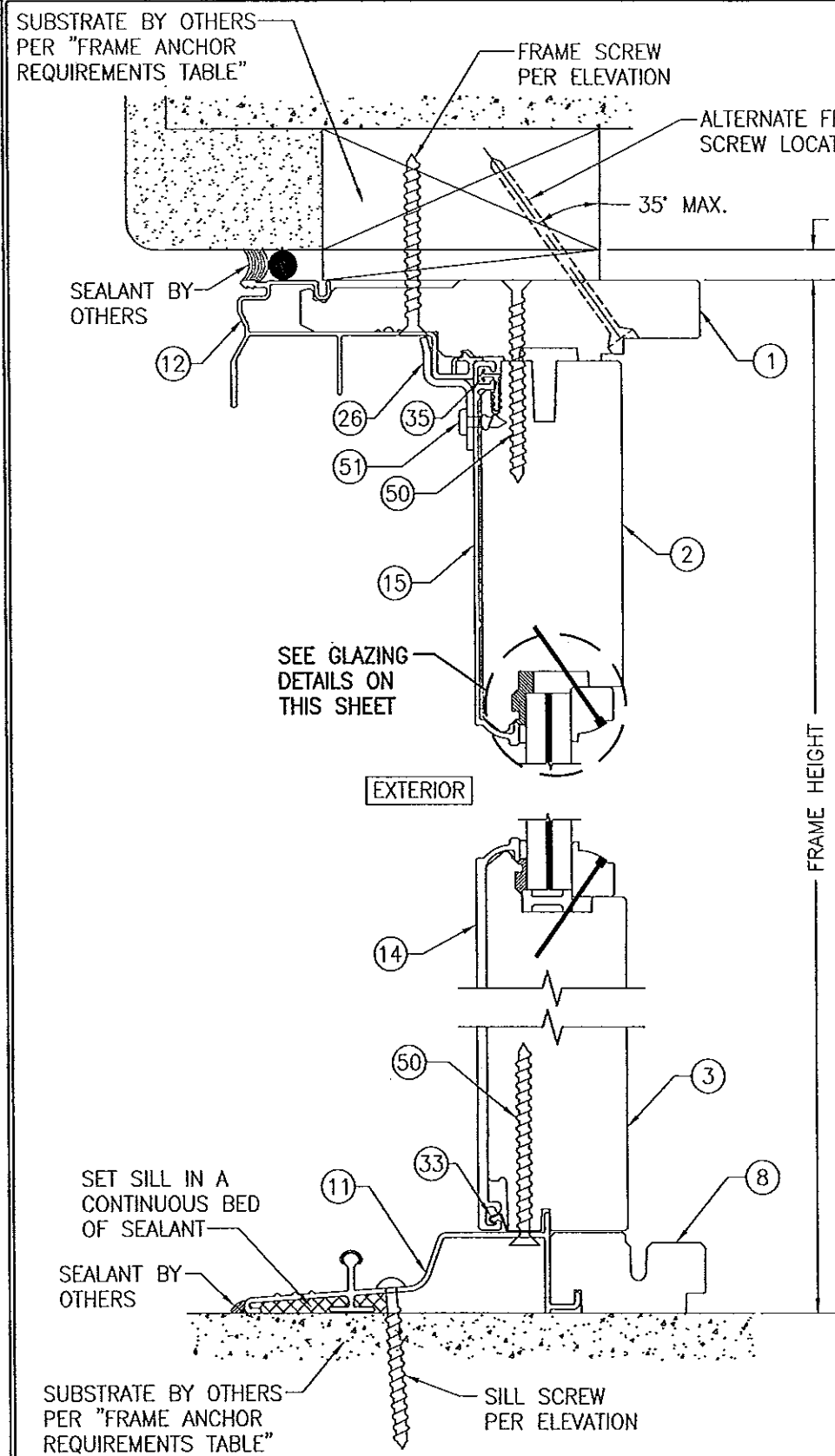


**EXTERIOR ELEVATION:
SINGLE FIXED PANEL DOOR**
SCALE: 3/4"=1'-0"

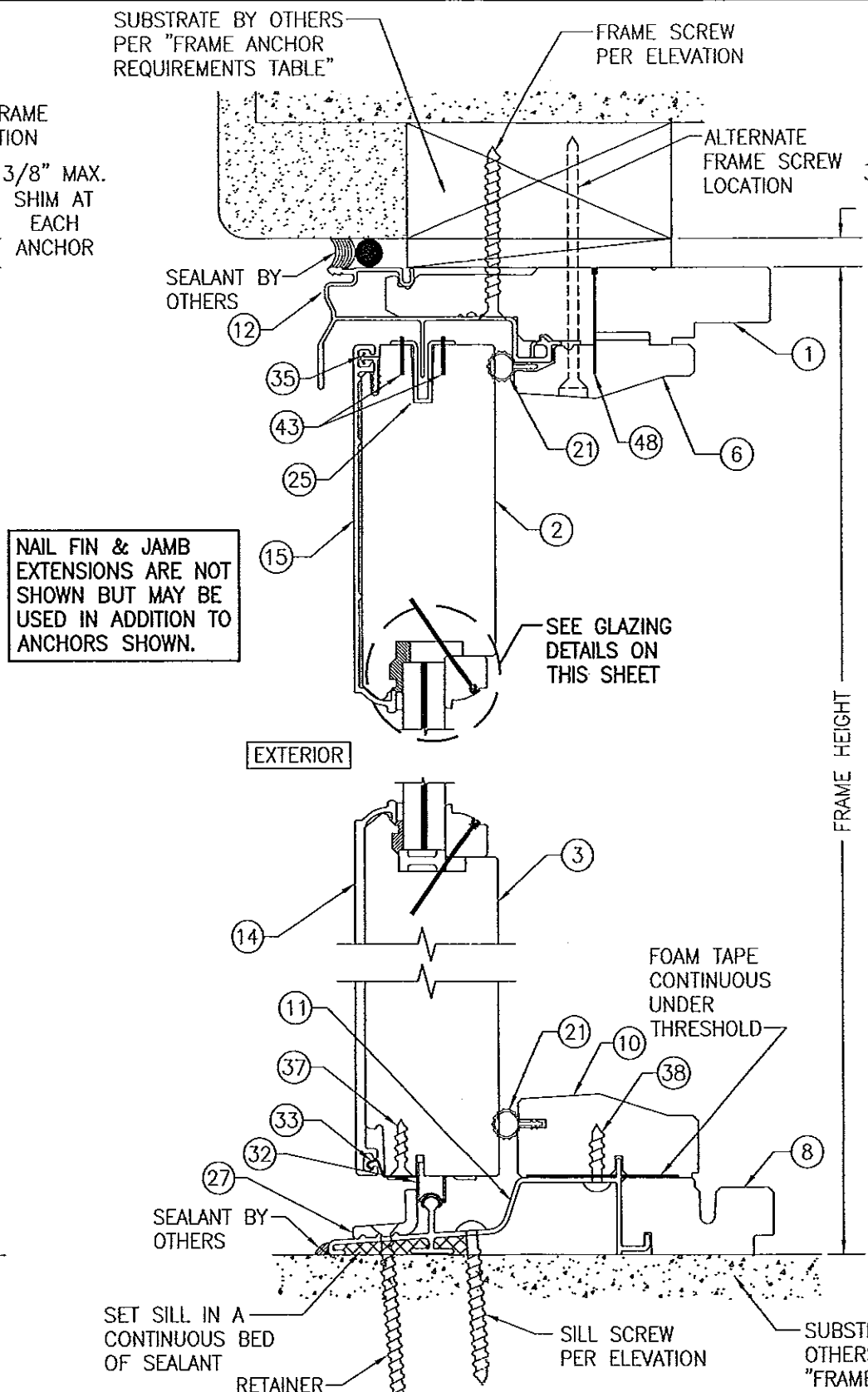
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530.17
Expiration Date 04/21/2015
By [Signature]
Miami Dade Product Control



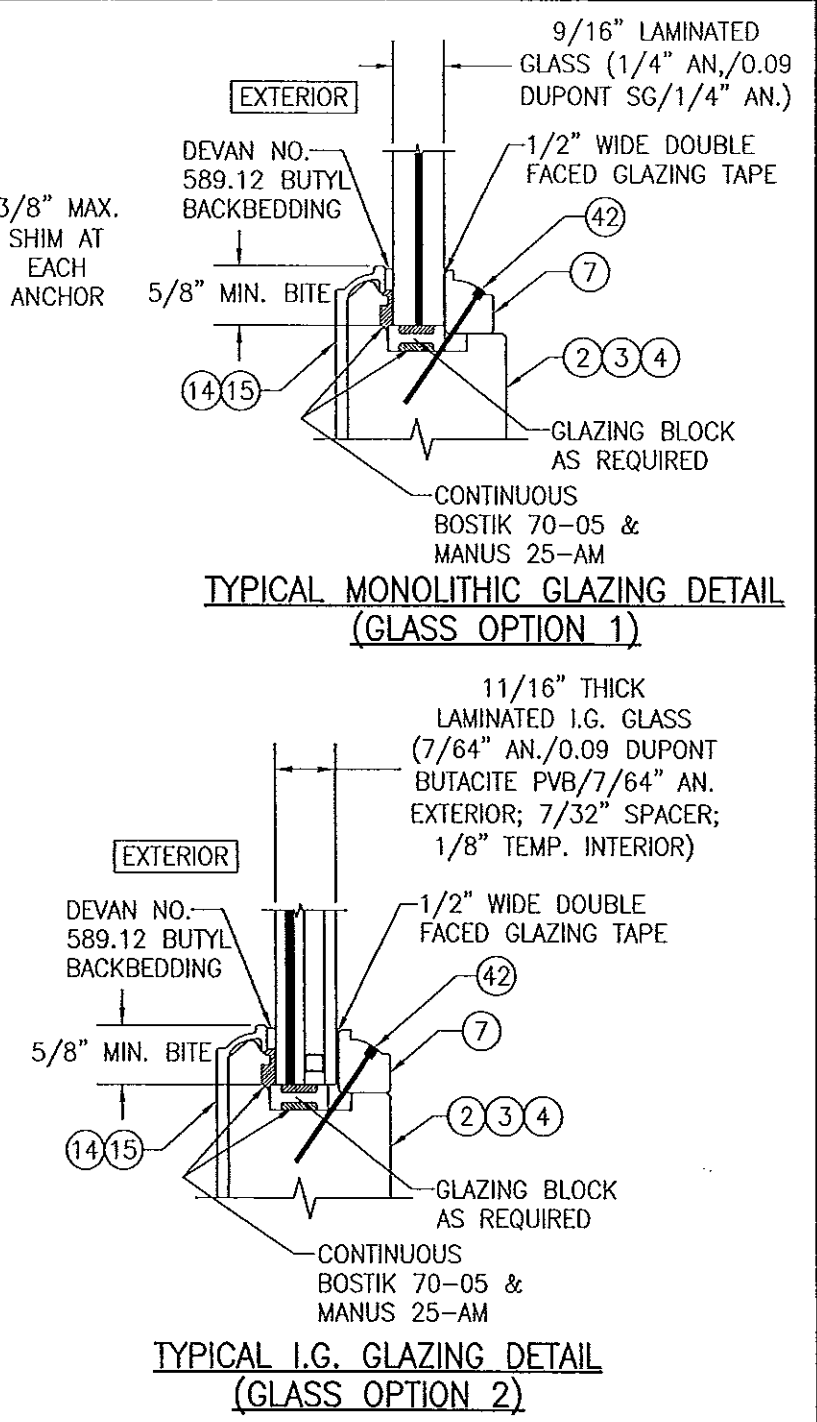
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PLOT: 1-16		DATE: 04/22/04	
DATE	BY	REVISION	DESCRIPTION
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION MAY 13 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1299		REV. D	
SHEET NO. 2		OF 5	



FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 4 FOR DIRECT MOUNT & CLIP MOUNT DETAILS.



FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 4 FOR DIRECT MOUNT & CLIP MOUNT DETAILS.

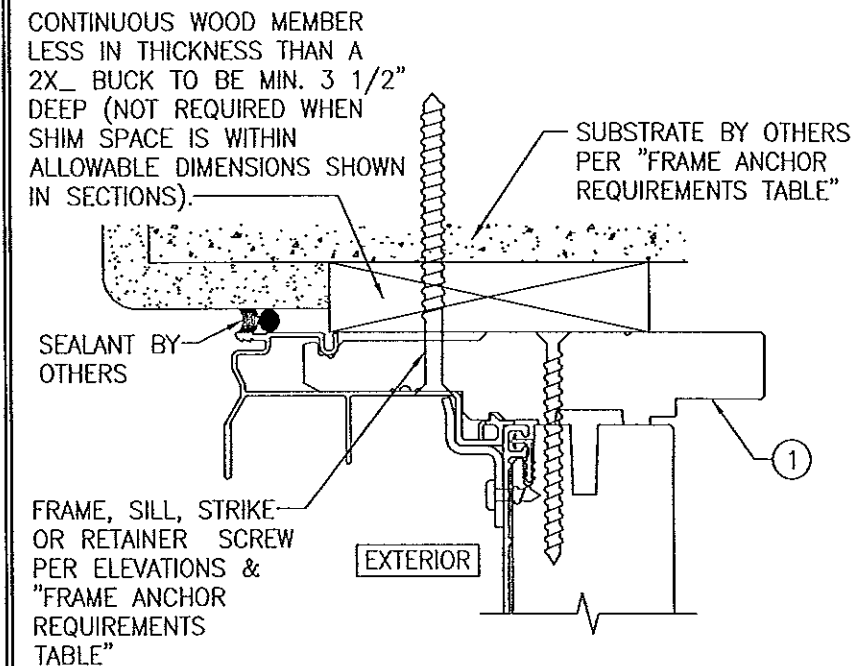
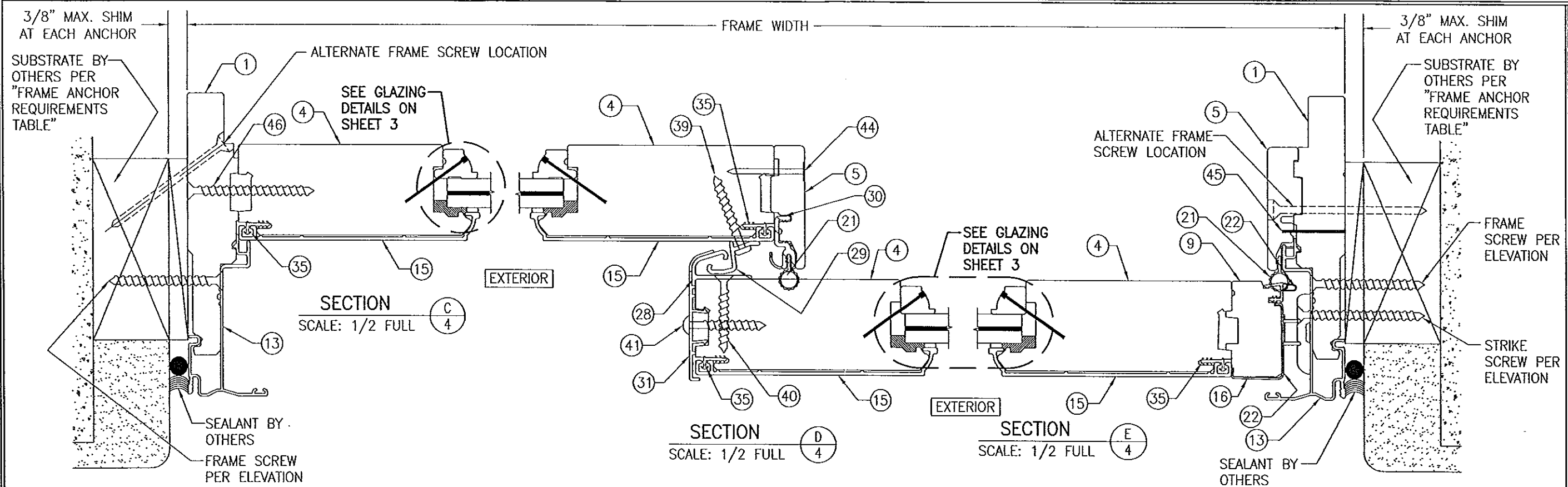


PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 13-0530-17 Expiration Date 04/21/2015 By Warren W. Schaefer, P.E. Miami Dade Product Control

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 04/22/04	
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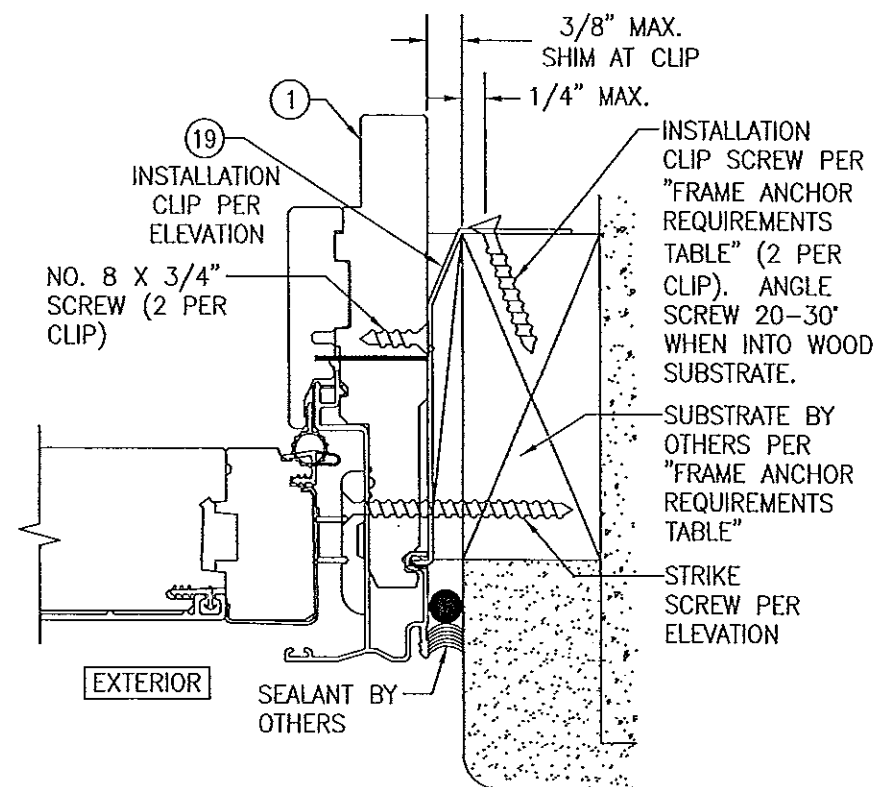
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR
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CERTIFICATION
 MAY 13 2013
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44133
 DRAWING NO. 1299
 REV. D
 SHEET NO. 3 OF 5



**OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER**

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(FIXED PANEL DOOR SHOWN, OPERABLE DOOR ALSO APPLIES)



INSTALLATION CLIP DETAIL

(FOR DETAIL NOT SHOWN, SEE SECTIONS C/4 & E/4)
(OPERABLE DOOR SHOWN, FIXED PANEL DOOR ALSO APPLIES)
(THIS INSTALLATION CONDITION IS NOT APPLICABLE AT HEAD OR SILL)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530.17
Expiration Date 04/21/2015
By *[Signature]*
Miami Dade Product Control

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 04/22/04	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION MAY 13 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1299	
SHEET NO. 4 OF 5		REV. D	

